

(1/2)

```
FL39      1  MAAV.....R...RREF.....DVAE.....
ICK1      1  M..V.....RKYRKAK.....GIVE.....
FL67      1  M.....GKYLRKSKIDGAGAGAGGGGGGGGESSIALMDV...VSPS..
FL66      1  M.....GKYMKKSKITG.....DISVMEVSKATAPS..
ALFCDKI   1  M.....GKYMKKLK.....SKSESESPN
CrCKI     1  MAAAATPTSSPAKKKK.....VSKS..

FL39      14  .....ENCVTT.....
ICK1      14  .....A...CVSS.....
FL67      41  .....SSSSLGVLT...AKSLALQQQQQRCLLQKPSSP
FL66      27  .....P...CVRTRAAKTAL...KR..LNSSAAD
ALFCDKI   19  STPTPSPSPSPPTPITTNPPPTPNSSDGVTR...ARTLAL...NS...
CrCKI     22  .....

FL39      20  .....TT..VKRRKMEEEVDLVES
ICK1      19  .....TY..MOLR.....
FL67      72  SSLPPTSASPNNPPSKQKMKKKQQQMN...D...CGSY..L..OLR.....
FL66      49  SALP.....N...DSSC...Y..L..OLR.....
ALFCDKI   61  .....NNQNQLSVSS...SY..L..OLR.....
CrCKI     22  .....SYNTLPOLR.....

FL39      37  FIILSPCVQATNRGGIVAR.....
ICK1      26  R.....R..IVYV.....
FL67      108  R.....RLQKP....PIVVIRSTKRRKQRRNETCGRNPN
FL66      64  R.....RLE.KPSSLIE.....KQ.....P.
ALFCDKI   80  R.....RLKR.....PLIRQHSAKRNK...GHDGN
CrCKI     31  R.....R.....K.....

FL39      56  .....NSAGASE...TSV...VIVRRRDSPPVVEEQ.....
ICK1      33  .....SEKSSSV...SVV.....
FL67      140  ...PRSNLDSIRGDCSRS...DSVSE...SVVFGKDKDLISE.I...NKDPTF...
FL66      79  ...PRVHRSGIKESGSRSDSVN...SVP.....VAQSS...NEDECEDNF
ALFCDKI   102  ...PK...SPI...G...DSIAEEKTV.....QKSPEPENAE...FK..
CrCKI     35  LSAP.....

FL39      80  ..CQIEEESSV.SCCSTSEE.KSKRRIEVDLEE..NNGDDRET.ETSWIY...
ICK1      43  .....GDNVSSSCSGSNEYKKK...ELIHLEEDKDGD...T.ETS.TYRRG
FL67      180  .....GON.....FFDLEEEHTQSFNRITRES.....
FL66      117  VSVQVSCGENSLG.....F...ESRH.....STRES.....
ALFCDKI   129  .....ENA.....EDTE.....RSARET.....
CrCKI     39  .....EN.....EAEI.....ET.....

FL39      125  .....DDLNKSEESMNMDS..SSVAVEDVE.....
ICK1      83  TKRKLCEENLREEEKEELSKSME..NYSSEFES.AVK..E.....
FL67      202  TP.....CS.....LIRRPETM.....TT.....EG
FL66      140  TP.....CN.....FVEDMEIM.....VT.....EG
ALFCDKI   142  TP.....VH.....LIMRADVIRPPRPITRRT.FP.
CrCKI     47  TPLEVAAVVEEEEVANCS.....SSEVI.....TIARSDFFP
```

FIGURE 1

```

FL39      148 SRRRL.....RKSLHETV..
ICK1      117 S...LDCGCS.....GRKTMELVTA
FL67      218 SSTALNIG...VS.....ESNOR..EDSLSR
FL66      156 SSTLR.SMGRATK.....EYTRE..QDNVI.
ALFCDKI   166 T.....GANPK..TE...
CrCKI     79 S.....GSSNYDQLSSSEPEVVKDDGLGNRTADPEVESGASSK..QK...E

```

```

FL39      161 .....K.....GAELEDFQVAEKLRLNKLFECSMK
ICK1      135 EEEKAKLMT.....EMTESIEDDFVEAEKOLKE.....KK
FL67      239 SHRRR.....PTI.....S...S...DEFFSGAE...QOQK...K
FL66      177 .....PTI.....S...S...DEFFSYAE...QOQRL...K
ALFCDKI   174 .....Q.....PTI.....SISREFFEEFCAKHEAEQOREFVE...K
CrCKI     123 SHRTEAREATKLDDQDYPAIKSTVQIKMSESSETEEFFAVAEKDLQKRESE...K

```

FL39	187	.....	YNEDFEKDEPLGGGRYE
ICK1	171	.....	YNEDFEKDEPL.EGRYE
FL67	268	YVFPRFICSVLLVMSFQVLFSSFGLVSLMVSVNSFFR	YNEDPVNEQPLP.GRJE
FL66	201	.....	YNEDIVNDIPLS.GRYE
ALFCDKI	202	.....	YNEDPVTEQPLP.GRYE
CrCKI	175	.....	YNEDIVKLVPLK.GRYD

FL39	204	WVKINP
ICK1	187	WVKLE
FL67	322	WTKVDD
FL66	217	WVQVKP
ALFCDKI	218	WEKVSPP
CrCKI	191	WVPIINP

FIGURE 1 (continued)